ELSEVIER

**Reviews on Biomembranes**

Vol. 1241, 1995

BBA Biochimica et Biophysica Acta

# Cumulative Contents

*Information for Contributors* *vii*

## *Reviews*

Integration and assembly of photosynthetic protein complexes in chloroplast thylakoid membranes
*Y. Cohen, S. Yalovsky and R. Nechushtai (Israel)* 1

Regulation of apical $Na^+$ conductive transport in epithelia by pH
*V. Lyall, G.M. Feldman and T.U.L. Biber (USA)* 31

Glucagon receptors: from genetic structure and expression to effector coupling and biological responses
*J. Christophe (Belgium)* 45

The role of $Ca^{2+}$ ions in excitation-contraction coupling of skeletal muscle fibres
*W. Melzer, A. Herrmann-Frank and H.Ch. Lüttgau (Germany)* 59

Liposomes and ISCOMS as vaccine formulations
*G.F.A. Kersten and D.J.A. Crommelin (The Netherlands)* 117

The mitochondrial permeability transition
*M. Zoratti and I. Szabò (Italy)* 139

Mannose 6-phosphate receptors in sorting and transport of lysosomal enzymes
*A. Hille-Rehfeld (Germany)* 177

Chloride-dependent amino acid transport in the small intestine: occurrence and significance
*L.K. Munck (Denmark)* 195

Hepatobiliary secretion of organic compounds; molecular mechanisms of membrane transport
*R.P.J. Oude Elferink, D.K.F. Meijer, F. Kuipers, P.L.M. Jansen, A.K. Groen and G.M.M. Groothuis (The Netherlands)* 215

Interaction of detergents with lipid vesicles
*J. Lasch (Germany)* 269

*Erratum* 293

## *Reviews*

Forces and factors that contribute to the structural stability of membrane proteins
*T. Haltia and E. Freire (USA)* 295

Vesicle-forming synthetic amphiphiles
*J.B.F.N. Engberts and D. Hoekstra (The Netherlands)* 323

Transport of proteins across membranes — a paradigm in transition
*L. Isenman, C. Liebow and S. Rothman (USA)* 341

Intracellular membranes in the synthesis, transport, and metabolism of proteoglycans
*J.E. Silbert and G. Sugumaran (USA)* 371

The role of the MDR protein in altered drug translocation across tumor cell membranes
*P.D. Roepe (USA)* 385

The epithelial mucin, MUC1, of milk, mammary gland and other tissues
*S. Patton, S.J. Gendler and A.P. Spicer (USA)* 407

Signalling and transport through the nuclear membrane
*P. Csermely, T. Schnaider and I. Szántó (Hungary)* 425

Molecular and functional properties of mitochondrial benzodiazepine receptors
*K.E. Krueger (USA)* 453

*Cumulative Contents, Vol. 1241* 471

*Author Index* 472